

1125-VW-1931      **Xueyi Lei\*** ([leix@jay.washjeff.edu](mailto:leix@jay.washjeff.edu)), 50 South Lincoln Street, Washington, PA 15301.  
*Constructing a matroid from a finite group.*

One can take two separate paths from a finite group to a matroid. We first describe the direct construction of a matroid from a finite group. We then discuss the cycle matroid of a Cayley graph of a group. Using small examples, we answer the obvious question: Are the two resulting matroids always the same? (Received September 19, 2016)